

# RECEPTION EDITION TOIKE OIKE



**TOIKE OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY,  
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY.**

Vol. XXVII

MONDAY, OCTOBER 21, 1935

No. 2

## CHANGING TIMES

For long decades past, Schoolmen have jubilantly "received" their incoming First Year. It has become a tradition that they welcome them with open arms, always "looking them over" to see whether they measure up to the high standard which is to be expected of real men who choose applied science as their career. This "once over" is the student's own measuring process which is preliminary to that applied by the Faculty in term work and in the academic official measuring in April.

Times change and we change with them. Like the gold standard, the official Faculty measuring continues much the same in principle but, stable though it has been through all the years, it has recently changed quite materially in practice and in the degree of fineness required in the coinage. What ten and twenty years ago was thought to be good enough for ordinary business at 40% (as a pass mark) is not now in the picture; the new standard of fineness, 50%, is now the new standard accepted for domestic and foreign trade, believed to be necessary for better business. Thus the economics of an applied science education has changed and progressed.

Looked at from the Schoolman's point of view, measured by his own comradeship methods, can it be thought that the "degree of fineness" has also similarly improved in the ratio of 40 to 50?

It is customary for old graduates, even of ten years ago, to think that there are no times like the old times, no fellows as classmates nowadays like the old classmates or college men of his time. That is probably just sentiment, which we all have, but a most commendable sentiment and one which graduates like to cherish and should cherish. But if one of them could come back now in a new life and do his college course over again nowadays with all the changed conditions of life in general and university life in particular, he would, to be fair, be bound to think that the fellows to-day in School are just as good as and, all

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## REQUIREMENTS FOR RECEPTION

1. Every freshman must be in the Hart House locker room at 8.00 p.m. There will be a fitting punishment for those absent or late.
2. Each freshman must provide himself with old clothes, a pair of gym. shoes and a sack with holes for head and arms.
3. The Hart House locker room will be used as a dressing room. Late boxes may be taken out.
4. Each freshman must present the sum of 30c at the door. (Anyone bringing 30 coppers will be given special consideration).
5. Anyone physically disabled, or otherwise unable to take the initiation must get in touch with the Sophomore Executive immediately.
6. Green ties will be worn.
7. All damage will be charged to the Freshman and Sophomore years.

## TO THE FRESHMEN OF SCHOOL

Do you sing in the shower, have you an urge, however slight, to lift your voice in melodious refrain? Or do you simply enjoy listening to excellent music? If so this item is of utmost importance and merits your full attention.

Hart House, the centre of all good fellowship in this University offers you an unique opportunity for countless hours of pleasure in its many musical attractions, of which it is our hope that you who are entering upon a University career will take advantage of from the start.

The Sunday Evening songsters, held under the guidance of our Campbell McInnes, a foremost authority on fold music and ballads begins a new series on November 3, in the Music Room at Hart House and all the men of School are urged to avail themselves of this excellent opportunity. Then too the Friday noonday sing-songs which commence November 15 afford an enjoyable way of spending that last half hour from 1:30 p.m.

For those who wish to enter seri-

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## TRIAL BY JURY

It is the sophomore's lot every year to start the freshman on the right road to becoming Schoolmen. Every year upwards of two hundred freshmen start out on the journey at some stage of which we are all travelling. Our reputation depends not only upon our condition as we finish the journey but to a large extent on what we leave behind. Thus, we see that the task which the second year men accept is important to the freshmen, to the sophomores and to "School".

During the first few weeks of the term several needless encumbrances have been noted which the freshmen are carrying, little peculiarities which they could well do without. These peculiarities will be pointed out to the sophomore jury to-night and His Honour will pass judgement on the offending characteristics. These encumbrances will then be dealt with.

It has been rumored that the famous Major Boze will be on hand to witness the ceremonies and he may be persuaded to take an active interest should time permit.

The scene of activities will then change to the Great Hall where the weary travellers will rest awhile and partake of refreshments.

## HART HOUSE SUNDAY EVENING CONCERTS

It has been the custom for the past number of years to bring prominent musicians to the Great Hall at Hart House in order that the students may have an opportunity to hear good music.

The dates of the first three concerts have been arranged for October 27, November 17, December 8. The dates of the concerts in the New Year will be published later in the Varsity.

As in the past an allotment of tickets will be made to this Faculty based on the total male registration in the University and the number registered in Engineering. The artist or artists to appear will be announced beforehand in the Varsity on the Monday previous to each concert. Attention is drawn to the by-law of the Engineering So-

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## The Toike Oike

*Devoted to the interests of the Under-graduates of the Faculty of Applied Science.*

*Published Every Now and Then by the Engineering Society of the University of Toronto*

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### EDITORIAL

During the past few years there has been a considerable drop in the old and well-seasoned "School Spirit". I'm afraid there are but few left who realize that the activities of "School" life and, for that matter, the University in general, are, as well as the academic work, a vital part of our education.

Believe it or not there are fellows in the third and fourth year who haven't even been to a year party, let alone a "School Nite" or an "At-Home", but possible the queerest part of all is the fact that they still live and in some cases shamelessly admit the fact. Unfortunately, we must reveal that these so-called "Schoolmen" (of the U.C. type we might add) increase with our annual installment of green tied frosh.

Some in our midst don't know what a Hart House Musicales is, think the Camera Club is something that will entice them to stay out for an evening and possibly miss their sleep quota, and for the Debating Club they actually shudder at the time wasted away from their lab report.

Thank heavens there are still a few who have the brains to see that a certain proportion of work and play produces the best results. Every man here should have a year card and snap out of it at least three times a year, before it becomes contagious and "School" becomes a home for stray pansies like certain faculties sleeping around us on the campus.

If you are one of these unfortunate individuals, why not pinch yourself and wake up to the fact that the real engineer is one who can put on a real show in "School" activities as well as April Exams.

### TO THE FRESHMEN

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ously into this branch of melody the Glee Club, whose growing popularity is attested by its rapidly increasing membership and breadth of repertoire, continuous along the field of song covered by the songsters under the direction of Charles Peekez.

In your choice of interests will depend to a large extent the pleasure you derive from these four years of University Relationship, and no more entertaining field can be offered than that of singing, especially under such incomparable leadership as is offered you in the songsters and Glee Club. An especially attractive programme has been prepared for the opening songster, and the Warden has mentioned refreshments as an added attraction.

In addition these attractions of a vocal nature Hart House also offers for its members and their guests the outstanding musical artists of this city in the Sunday Evening Concerts, which are quite famous throughout the University world and one held every third Sunday in the Fall Term, and commencing October 27, and from January 19 every second Sunday of the Easter Term. Tickets will be allotted to the various years, and the system operated in previous years will again be employed. Further notice will be posted regarding the allotment of tickets and you are advised to consult your executive concerning the posting of lists. For the benefit of the Freshman may we say that the girl friend will be more than pleased at an invitation to attend these affairs, so watch for further information in the Varsity concerning the opening programme.

On Friday afternoon, commencing October 25, at 5:00 p.m., in the Music Room a series of concerts will be given for the members of Hart House under the direction of Sir Ernest MacMillan, of a similar nature to the Sunday Evening Concerts.

It is our wish in bringing these attractions to your attention that you will avail yourselves to the fullest extent this fund of melody provided for your enjoyment. For further information see your representative—L. E. Skelly, Fourth Year Mechanical Engineering.

THE MUSIC COMMITTEE.

### HART HOUSE CONCERTS

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ciety which states that anyone receiving a ticket for a Hart House Sunday Evening Concert and not using or turning in the same, is debarred from receiving tickets for any future concert during the year.

### ENGINEERING SOCIETY EXECUTIVE 1935-36

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### CIVIL CLUB

With the wonderful record of last year's Civil Club to live up to, this year's executive are out to make this a pinnacle year in Civil Club activities. Already everyone is talking about the trip to be held on Friday, October 18, when the Carborundum Company, Niagara Falls, N.Y., as well as nearby points of interest, including certain well-known, but unnamed places in Buffalo will be visited. Also a Civil Club dinner is in the offering! Remember the date, fellows: Monday, October 28. The feature of the evening will be a talk on the new tunnel to the island. With "smokers" to follow and the Civil Club dance to celebrate the Christmas examinations, the club is off to a great start. So altogether fellows, back up your executive one hundred per cent and put the Civil Club at the top.

GORD WELSH, Chairman.



**3T8**

Back together again!? Well, one hundred and seventy anyway, and all looking forward to a good year.

Our first function of the year takes place to-night when it is to be hoped we can cordially and successfully receive the freshmen.

On November 1, 1935 the class of 3T9 will return the entertainment at the annual Soph-Frosh party in the Banquet Hall of the Royal York. Tickets to this dance will be available to members of 3T8 holding 3T8 year cards, so get yours now.

The first 3T8 year party is expected to take place on December 18, but the place has not yet been settled. This is a little way off, however, and all details will be available at a later date.

Another year party will be held in the Easter term and the success of this party will depend on the financial condition of the class at that time.

Then of course there is one function we all will be participating in—April. Well, good luck anyway and remember just eleven more shopping days till the soph-frosh.

YOUR YEAR EXECUTIVE.

**MECHANICAL CLUB**

The Mechanical Club started its twenty-ninth year with a bit of a bang on October 4, 1935. About ninety men gathered round in the Music Room at Hart House and heard a very interesting talk by Professor Angus on "Modern Engineering in Europe". With Rubinoff and Carmichael playing leading roles, the frosh present were introduced to several of School's more famous songs. Pie and coffee in the true Hart House style brought an end to a fine meeting. Here's a word to the first year men—don't let a little thing like a laboratory report interfere with your attending your club functions.

The annual trip of the fourth year mechanicals and electricals to Niagara Falls—yes, Niagara Falls—is set for Friday, October 25, 1935. Trips for the other years are now being planned.

Let's work together, fellows, to make this year one to remember in Mechanical Club history.

FRANK TAYLOR,  
*Chairman.*

**INDUSTRIAL CHEMICAL CLUB**

The Industrial Chemical Club has made a very fine start this year and indications are that it will be one of the best years for some time.

Our first smoker was held in Hart House on Friday evening, October 11, and more than one hundred and fifty

were present, the largest turnout in years. Our speaker was Professor L. J. Rogers and he gave a most interesting talk on crime, with many stories from experience concerning the detection of poison, highlights of certain court cases, and the difficulties encountered in proving guilt.

Plans for the annual quest for knowledge somewhere in the vicinity of Buffalo have already been drawn up and all being well they ought to mature rapidly.

Here's for the best year yet for every man in department six.

F. M. O'FLYNN,  
*Chairman.*

**ARCHITECTURAL CLUB**

For the past quite a few years, the two big events of the Architectural Club have been the Annual Banquet and the Club Dance.

Following tradition, the Banquet will be held this year about the first of November—exact date not settled as we go to press—and club members will regale themselves on the customary good food as a preliminary to the entertainment by our Frosh, and an inspiring message from the Honorary Chairman.

The rousing success of the first Mauvais Arts Ball, initiated by Parks last year, is a challenge to the present executive, who are full of ideas for a bigger and better masquerade this season.

Even with our reduced numbers, the executive is confident that the wholehearted support of the club members, not to mention the Jones Boys, will make the Second Mauvais a party to be long remembered.

And what with Fred Smith as Vice-Chairman, and Bill Hemmingbaum Secretary—

Heres looking forward!

KENT BARKER,  
*Chairman.*

**MINING AND METALLURGICAL CLUB**

The Mining and Metallurgical Club commenced the year's activities by having their first annual smoker in Hart House on Friday, October 4, 1935. The frosh were presented to the senior years in the same old custom and by the way in which the assembled one can see they have the same spirit that has made the M. & M. Club the most active on the campus.

In regards to our first dinner, the executive is planning that it shall be held in the early part of November. The date of this will be announced as soon as possible.

The office of Honorary Chairman

has not been filled as yet, but may I add: Gentlemen, we are after a very good man.

In regards to club fees, may I remind you that you still owe fifty cents until you have paid them.

BILL TURRALL.

**3T7**

Well, now that the first three weeks are passed (and that Machine Design allotment is completed) we can say that the hardest part of the third year work is over.

The sale of year cards was opened on registration day, with results that indicated our class still retained its old spirit of co-operation. Arrangements for our first year party were begun immediately. On the evening of Wednesday, October 23, at the Boulevard Club third year will break open School social activities for this season. It is expected that Professor I. Pickem Yung, eminent connoisseur of feminine pulchitude, will be there to select the fairest among the lady friends of Schoolmen. Plans for other events are under way, of which we will tell you later.

And here is what we wish you to do,—a few members of the class still have financial obligations which we would like to have cleared away. Also, there are still some who have not yet purchased their year card. Please see the nearest executive member and straighten out these matters as soon as possible.

J. V. LEEWORTHY,  
*President, Class 3T7.*

**ELECTRICAL CLUB**

As this little doo-dad goes in two days late, we dash off a few lines concerning that influential and exclusive under-graduate club, namely, that of the Electricals. With sumptuous banquets, dinner meetings, leading professional speakers, roof-raising student talks and a very exclusive dinner dance, we lead the way. At least, we hope so.

This year the club is setting a precedent in having its banquet at the beginning of the school term "for many and varied reasons" and the steward at the Engineer's Club on Bay Street promises us as enjoyable an evening as was had last year.

On October 25 the Electricals (and Mechanicals, but don't let that hold you back) of the fourth year go to the Niagara district and other points, on their annual trip. Keep this date in mind.

In the meantime, don't forget the banquet on Monday, October 28.

F. A. FLEMING,  
*Chairman.*

## SPORTOIKE

Well, all we know is what we read in the Varsity—when we can manage to get hold of one. It seems as if all the sport news we have for youse guys and youse gals (we must remember our females) is not so good to-day—that is, if the woeful beginning School made in Interfaculty sports means anything, or didn't you know?

Our first reason for donning sackcloth and ashes is the story showing our track team made at the Interfaculty Track Meet last week. By tying for sixth place with St. Mikes, they lost the championship acquired by our cindermen last year. Too bad boys—better luck next year.

In their opening games of the Mulock Cup schedule both our senior and junior gridgers came close to chalking up a win, but couldn't quite make the grade. Both games were played in the rain last Friday which wasn't exactly conducive to good rugby, especially at this early stage of the season.

In the senior encounter with Meds, which was a rather drab affair, the game ended in a scoreless draw, neither team apparently being able to get a grip on the slippery oval. In the junior engagement with Trinity a better brand of football was produced, the Schoolmen coming out at the short end of a 6—5 score. However, this squad showed some promise and should win games in the future aided by the broken field running of Bob Galloway, former Jarvis halfback, and the placement kicking of Ballagh, member of last year's team.

With the opening of the soccer schedule this week and the lacrosse schedule next week we will find the engineers hard at work defending their laurels in each of these sports—and, from what we have heard, stand an excellent chance of retaining the Art Faculty and Dafoe cups right here in the little red (not politically) schoolhouse.

Incidentally, we should like to take this opportunity to urge our bumper crop of freshmen to forget any inferiority complex they might have and turn out with the various teams that are and will be in practice. Who knows but what you might be the star—at any rate come out sizzling with the old school spirit and be prepared to do or die—waddayasay fellas? It won't be long now before you green cravated first year men will be real honest-to-goodness full fledged schoolmen.

Any day now we expect to see the hot air around the Engineering Building increase in circulation as the various departments begin challenging

each other to everything from tiddley winks and ping pong (we'll get killed for this) to the more manly pastimes of rugby and hockey—and the way these inter-department games are conducted, we expect hospital bases to be established by all camps one of these years.

Well! that's all for to-day. See you at the init—we mean reception—we just love ice cream!

## PRACTICAL EXPERIENCE FOR THE MINING STUDENT

The mining student may have a preference for employment in some particular branch of mining or in one or the other of the several mineral producing countries. If he could be assured that he would be able to choose his field of endeavour on graduation he would have little difficulty in deciding on the nature of the practical training best suited to his needs. But he seldom has any such assurance; consequently his practical training should cover as wide a field as is possible. His knowledge gained from actual experience should be supplemented to as great an extent as possible by that gained from observation. He should want to learn not only how things are done but why they are done.

He has three undergraduate summers in which to obtain his practical training. It would be to his best advantage to spend his first summer in employment at a mine, preferably a large enterprise, and the work should be such as will allow him to become well acquainted with underground operations. As an embryo engineer he should interest himself in the methods of extracting the ore; in the manner in which the mine is developed in order to keep mine tonnage well ahead of mill tonnage; in the procedure followed in sampling; in the haulage system; in the ventilation system; and in numerous other related matters. Employment on engineering staff, no matter in what capacity so long as it calls for underground work, usually affords the student the best opportunity to gain such knowledge. Such employment, in addition, enables him through reference to the working maps and models in the office to better visualize the operating problems of the mine. In the engineering office he is in close touch with the mine superintendent and other administrative officials and can gain a wealth of information through listening to their consultations with the chief mine engineer.

This may be his only opportunity as an undergraduate to learn something of mill practice and mill design aside from his academic studies. A thorough study of the mill flow sheet should

precede any attempt to understand the mill operations.

At the end of his second term he has an understanding of the principles of geology, and his employment under a well-trained geologist during the second summer will be to his decided advantage. Employment by some enterprise developing a new prospect or a large group of claims will give him an excellent opportunity to gain a practical training in geology and will likely also afford him an opportunity to carry out transit, level, and compass surveys. Employment on a government geological training in geology but will, in addition, in most cases enable him to become acquainted with the problems of the prospector.

His undergraduate training could be rounded out during the third summer by employment at assaying or analytical work. Better still, perhaps, would be employment in the administrative office, or in work that would enable him to gain some knowledge of cost accounting. This latter might be emphasized. Most successful operators or engineers today are men who have a sound training in the economics of operation.

## CHANGING TIMES

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things considered, even better as manhood goes, than they were in the older days.

So it is in the receptions to the First Year. The welcoming process of "School" is changing too, while it is claiming its own from the young world as it comes into the new university world, the first year men distributing themselves into the various fields for careers, dropping into the differently shaped engineering slots.

So receptions are changing with the other changing things of to-day. First Year men are being looked upon and tried out by different measures than in bygone years. So, also, in this present year, School seems to be going a step further in the changing. If this changing progress continues consistently, School seems to be now due for some reception process which is at once new, unique and original where there will be discovered in the new class who are the key men, what is their individual and distinctive shape, and how they will fit into their various "School" slots.

C. H. MITCHELL,

15th October, 1935.

Dean.

Then there is the story of the old negro who claimed that he was jailed for "fragrancy".